ThinkPad® T410 2522 (Discrete) - Windows 7 (May 2010)

Type-model	Processor	Base (GHz)	Max turbo (GHz)	Memory	(MHz)	Wide-screen display	Graphics controller memory	Disk SATA GB[8] rpm	PCIe Mini Card 802.11	PCIe Mini Card WWAN	Finger print reader	Intel vPro	Workhorse (W) Preload	Global (G)	Avail date
2522-K2U	i5-520M	2.40	2.93	2GBx1	1066	14.1" WXGA	512MB	160G 7200	Intel 6200[28]	WWAN upg		vPro	Pro 64	G	May 10
2522-K3U	i5-540M	2.53	3.06	4GBx1	1333	14.1" WXGA+	512MB	320G 7200	Intel 6200	WWAN upg	Finger	vPro	Pro 64	G	May 10
2522-K4U	i7-620M	2.66	3.33	4GBx1	1333	14.1" WXGA+	512MB	320G 7200	Intel 6200	WWAN upg	Finger	vPro	Pro 64	G	May 10
2522-K5U	i5-540M	2.53	3.06	2GBx1	1066	14.1" WXGA+	512MB	160G 7200	Intel 6200	WWAN upg	Finger	vPro	Pro 64		May 10

- ***These models have a depot repair service 3-year limited warranty***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Premiere performance; two spindles*
Processor	**Intel® Core™ i5 processor i5-520M** or **i5-540M** with **dual-core**, or **Intel Core i7 processor i7-620M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology; *i5-520M/ i5-540M:* 3MB cache; *i7-620M:* 4MB cache
Memory	**2GB** or **4GB** std / 8GB max[7] / PC3-8500 1066MHz or PC3-10600 1333MHz **DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets
SATA DVD±RW Ultrabay Slim	DVD burner, SATA 1.5Gb/s, 9.5mm Ultrabay slim, removable
SATA disk	One modular bay for interchangeable devices (right side), 9.5mm high, bottom access **160GB**[8] (7200 rpm) or **320GB** (7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, supports 2nd disk, ThinkPad Shock Mounted Hard Drive, Active Protection System™
Widescreen display	*Some:* **14.1"** (358mm) **WXGA (1280x800) color**, anti-glare, **LED backlight**, 220 nits, 16:10 aspect ratio, 300:1 contrast ratio *Some:* **14.1"** (358mm) **WXGA+ (1440x900) color**, anti-glare, **LED backlight**, 220 nits, 16:10 aspect ratio, 300:1 contrast ratio
Camera	Camera on top of screen, 2.0-megapixel, fixed focus
Discrete graphics	**NVIDIA® NVS™ 3100M**, PCI Express® x16, **512MB** memory, external analog monitor support via VGA DB-15 connector and digital monitor support via DisplayPort (supports single-link DVI-D via cable 45J7915); supports dual independent display; *Maximum external resolution:* 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz; 1920x1200@60Hz (single-link DVI-D via cable 45J7915)
Keyboard	89-key, ThinkVantage button, spill-resistant, multimedia Fn keys
TrackPoint®	TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar[13], magnifying glass
Touchpad	UltraNav™, wide touchpad below keybrd, Tap Zones, scrolling regions label, multi-touch
ThinkLight™	Illuminates the keyboard to improve visibility in low-light conditions
Dimensions[3]	*14.1W" (WxDxH):* 13.2" x 9.4" x 1.1–1.3"; 335.5 x 239mm x 27.6–31.9mm
Weight[2]	*6-cell:* starting at 5.0 lb (2.27kg); *9-cell:* starting at 5.35 lb (2.43kg)
Case color	Black
Case material	*Top:* High Elasticity PolyCarbonate (HEPC); *Bottom:* Carbon-Fiber Reinforced Plastic
Battery - type	Lithium Ion **9-cell**, supports optional Slice battery (57Y4545) as 2nd battery
Battery - life[10]	*6-cell:* up to 5.0 hr; *9-cell:* up to 8.3 hr; *9-cell plus Slice battery:* up to 16.6 hr
Chipset	**Mobile Intel QM57 Express Chipset**
ExpressCard/34	One slot (ExpressCard/34)
Smart Card read	None
Multicard reader	5-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC)
Ports	Four USB 2.0 (one powered), eSATA port, external monitor (VGA DB-15, DisplayPort), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)
PCIe Mini Card	Two PCI Express Mini Card slots
Intel 6200[28]	11a/b/g/n wireless[4], PCIe Half Mini Card, Intel Centrino® Advanced-N 6200, 2x2
WWAN upg	Wireless WAN upgradable
Modem	56K V.92[6] modem
Bluetooth™	Bluetooth 2.1 wireless, LED indicator
Ethernet	Intel 82577LM Gigabit Network Connection (Hanksville), PHY, PCIe x1
Intel AMT	Intel Active Management Technology (iAMT)
Audio support	High Definition (HD) Audio, Conexant 20585 codec / stereo speakers, 1 watt x 2 / speaker volume up, down and mute buttons / dual array microphone, mic mute button, combo audio/mic jack
Security	Power-on password, hard disk password, supervisor password, security keyhole
Security chip	Trusted Platform Module, TCG 1.2-compliant
Fingerprint reader	*Some:* UPEK Fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip
Limited warranty[12]	**3-years**/1-yr battery - depot repair service / service upgrades[22] available

Preloaded operating system[20]
- Genuine Windows® 7 Professional 64

Preloaded applications[14] (only some listed)
- Rescue and Recovery™
- Access Connections™
- Password Manager
- Fingerprint Software (fingerprint models)
- ThinkVantage System Update
- ThinkVantage Power Manager
- ThinkVantage Toolbox
- Norton™ Internet Security 2011 (30 days of virus definitions)
- Adobe® Reader®
- Adobe Flash® Player
- Windows Live™ Toolbar
- Skype™ for Windows
- Microsoft Office 2010 preloaded; purchase product key to activate
- Microsoft Research AutoCollage Touch
- Roxio® Creator® Business Edition (DVD±RW)
- Roxio MyDVD® (DVD±RW)
- Corel® WinDVD® (DVD±RW)

Supports ThinkVantage® technologies

90-watt AC adapter
ThinkPad Roll Cage (one-piece magnesium frame)
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant
International Warranty Service[17]
24 hour x 7 day[18] toll-free support during the warranty period[12] via 800-426-7378

ThinkPlus™,[22] 3-year LOR[24] 9x5 NBD 45K6021
ThinkPlus 4-year LOR 9x5 NBD 45K6022
ThinkPlus 5-year LOR 9x5 NBD 45K6024
ThinkPlus 4-year P&L P/U Depot 45K6023
ThinkPlus 5-year P&L P/U Depot 45K6025
Post-warranty annual maintenance agreements at **lenovo.com**/thinkplus/warranty

See footnotes for important warranty information
US models announced May 4, 2010

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